

**2007 Compliance Monitoring
Western Washington
Field Forms**

Western Washington Riparian Forms WAC 222-30

Form 1	Pre-survey Form
Form 2	S or F RMZ: No Inner Zone Harvest
Form 3	S or F RMZ: Inner Zone Harvest (DFC Option 1) Thinning from below
Form 4	S or F RMZ: Inner Zone Harvest (DFC Option 2) Leaving trees closest to the water
Form 5	Np or Ns RMZ
Form 6	A or B Wetland Management Zones and Forested Wetlands

Eastern and Western Washington Road Forms WAC 222-24

Form 7	Road Construction
Form 8	Road Maintenance
Form 9	Road Abandonment
Form 10	Landings
Form 11	Temporary and Permanent Crossings on Type N water
Form 12	Deleted from 2006
Form 13	Fords
Form 14	Post Survey Evaluation

Westside Form #1 Pre-Survey (Optional)

FPA #	Date:	Location-Legal	Ownership: SFL / Industrial	Other Attendees: Representing:
Class				
DNR Survey Lead:	DOE Survey Rep:	WDFW Survey Rep:	Other Attendees: Representing:	Other Attendees: Representing:
Other Attendees: Representing	Other Attendees: Representing	Other Attendees: Representing		

Information to be collected: (to be determined pre-survey, check all that apply, attach and complete relevant form)

Use separate forms if needed for multiple activities

RMZ:

☐ S or F: No Inner Zone Harvest – Form #2
☐ S or F: Option 1 – Form #3
☐ S or F: Option 2 – Form #4
☐ Np – Form #5 ☐ Ns – Form #5
☐ Wetlands Form #6

Road Activities:

☐ Road Construction Form #7
☐ Road Maintenance Form #8
☐ Road Abandonment Form #9
☐ Landings Form #10
☐ Permanent Crossings/Type N Form #11
☐ And Temp. Crossings/Type N
☐ Fords on Type N water Form #13

Post survey evaluation Form – Form #14 XX (always needed)

Information to Be Completed Pre-Survey: (As reported on FPA)

Type S or F RMZ—For 2007, Segments will be the first segment listed on the FPA (example 1 or A)

Stream Segment Identifier or Location - _____

Harvest in Inner Zone: Y / N Zone Requirements: _____ Inner Zone Width _____ Outer Zone Width

Site Class on FPA/N: _____ I / II / III / IV / V Site Class on FPARS: I / II / III / IV / V

(Bring map to field for reference)

Stream Width (bfw or CMZs) on FPA: >10 ft / ≤10 ft _____ Stream Length: _____ ft

Core Zone Basal Area: _____ ft²/acre Dominant Canopy: Douglas fir / Hemlock

Option 1 Max dbh for thin: _____" dbh Option 2 Floor Width: _____ ft

Option 2 Total leave trees required: _____ Inner Zone _____ Outer Zone

Outer Zone Basal Area Credit for: CMZ / LWD / Floor Zone (Option 2 Only) _____

Outer Zone Placement Strategy: Dispersed / Clumped Sensitive Area / Clumped

Turn over and complete Side 2

Type Np RMZ

Harvest within 50' of bfw: Yes / No Length of Np Water: _____ ft

Sensitive Features: 50' _____ Headwall Seep _____ Side-slope Seep
56' _____ 2 or More Np _____ Pip _____ Headwall Spring

Type Ns RMZ

Water Type Modification info on FPA: Y / N

Road Activities

Total Length of New Road Construction on FPA: _____ ft

Road Maintenance on FPA: Yes / No

Water Crossings: Bridge / Culvert / Temp Bridge / Temp Culvert / Ford

Proximity of Road Work to Typed Water: In or Over / Potential to Deliver / No Potential to Deliver

Number of Landings: _____

Pre-Survey Comments or Communications:

[illegible]

Westside Form # 2
S or F RMZ: No Inner Zone Harvest
FPA # _____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

- | | |
|---|------------------|
| 1. Were unstable slopes with the potential to deliver bounded out of the sale? | Y / N / NA / NC. |
| 2. Was there a CMZ that was not reported on the FPA? | Y / N / NA / NC |
| 3. Was the stream size reported on FPA consistent with the field observation? | Y / N / NA / NC |
| 4. If no, did the discrepancy influence the inner zone width (should the stream be
> 10 ft bfw or ≤10 ft bfw?) | Y / N / NA / NC |
| 5. Was there any harvest in the Core Zone? | Y / N / NA / NC |
| 6. Was there any harvest in the Inner Zone? | Y / N / NA / NC |
| 7. (Question deleted). | |

Outer Zone Leave Tree Strategy: only answer the questions that apply to the strategy specified in the FPA.

Exchange for Large Woody Debris:

- | | |
|--|-----------------|
| 8. Were there Outer Zone leave credits for a LWD placement strategy? | Y / N / NA / NC |
| 9. If the landowner is getting credit for LWD trees, are there at least 10 trees
per acre > 12" dbh (8" dbh around sensitive features) in the Outer Zone? | Y / N / NA / NC |

Exchange for Channel Migration Zone excess basal area:

- | | |
|--|-----------------|
| 10. Were there Outer Zone leave credits for excess basal area in the CMZ? | Y / N / NA / NC |
| 11. Did the landowner leave the appropriate number of leave trees as documented on
the application after the CMZ exchange to satisfy the basal area exchange? | Y / N / NA / NC |

Leaving 20 trees per acre:

- | | |
|--|-----------------|
| 12. Were 20 conifer trees per acre ≥ 12 inches dbh or next largest size available left? | Y / N / NA / NC |
| 13. If conifer weren't present, are trees clumped around sensitive features and
at least 8 inches dbh, mixed conifer and/or deciduous, and representative of the
trees around the sensitive feature. | Y / N / NA / NC |

Turn over and complete Side 2 →

Westside Form #2 (cont'd)

Salvage Questions: Skip these questions if no salvage was proposed.

14. Is there any salvage within the BFW or CMZ of any typed water, or Core or Inner Zones, including any portion of those trees that may have fallen outside of these zones? Y / N / NA / NC

15. Does the residual stand meet the leave tree requirements (i.e. 20 trees per acre) including down trees that originated from the Outer Zone? Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons for any out of compliance calls:

Signature _____ **Date** _____

Westside Form # 3
S or F RMZ: Inner Zone Harvest (Option 1) Thinning from below
FPA # _____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

- | | |
|--|------------------|
| 1. Were unstable slopes with the potential to deliver bounded out of the sale? | Y / N / NA / NC. |
| 2. Was the stream length reported on the FPA's DFC worksheet within 10% of the measured value in the field? If no, note the difference in comment section. | Y / N / NA / NC |
| 3. Was the stream size reported on FPA consistent with the field observation? | Y / N / NA / NC |
| 4. If no, did the discrepancy influence the inner zone width (should the stream be > 10 ft bfw or ≤10 ft bfw?) | Y / N / NA / NC |
| 5. Was there a CMZ that was not reported on the FPA? | Y / N / NA / NC |
| 6. Question deleted. | |
| 7. Is the tree species composition consistent with the DFC Worksheet? | Y / N / NA / NC |
| 8. Was there any harvest in the Core Zone? | Y / N / NA / NC |
| 9. Was the Inner Zone buffer the correct width? | Y / N / NA / NC |
| 10. Was there harvest in the Inner Zone of any trees larger than the thinning strategy allows? If yes, describe the situation in the comment section below | Y / N / NA / NC |

Outer Zone Leave Tree Strategy: only answer the questions that apply to the strategy specified in the FPA.

Exchange for Large Woody Debris:

- | | |
|--|-----------------|
| 11. Were there Outer Zone leave credits for a LWD placement strategy? | Y / N / NA / NC |
| 12. If the landowner is getting credit for LWD trees, are there at least 10 trees per acre ≥ 12" dbh (8" dbh around sensitive features) in the Outer Zone? | Y / N / NA / NC |

Exchange for Channel Migration zone excess basal area:

- | | |
|--|-----------------|
| 13. Were there Outer Zone leave credits for excess basal area in the CMZ? | Y / N / NA / NC |
| 14. Did the landowner leave the appropriate number of leave trees as documented on the FPA to satisfy the CMZ basal area exchange? | Y / N / NA / NC |

Turn over and complete Side 2 

Westside Form #3 (cont'd)

Leaving 20 trees per acre:

15. Were 20 conifer trees per acre left that are \geq 12 inches dbh or next largest size available? Y / N / NA / NC
16. If conifer weren't present, are trees clumped around sensitive features and at least 8 inches dbh, mixed conifer and/or deciduous, and representative of the trees around the sensitive feature? Y / N / NA / NC

Salvage Questions: Skip these questions if no salvage was proposed.

17. Is there any salvage within the BFW of any typed water, Core Zone, or CMZ, including any portion of those trees that may have fallen outside of these zones? Y / N / NA / NC

Salvage in the Inner Zone

18. Does the residual stand meet stand requirements (DFC), including down trees that originated from the Inner Zone? Y / N / NA / NC
19. If the proposed salvage involves down wood, was the following down wood requirement in the Inner Zone left after the salvage logging? Y / N / NA / NC

Logs w/ a solid core	< 1-ft diameter	1-2 ft diameter	>2 ft diameter	Total
# of logs/acre	85	83	26	194

20. Was the salvage operation conducted to protect residual undamaged trees within the Inner Zone? Y / N / NA / NC

Salvage in the Outer Zone

21. Does the residual stand meet the leave tree requirements (i.e. 20 trees per acre) including down trees that originated from the Outer Zone? Y / N / NA / NC
22. If no Inner Zone salvage was proposed, was there any salvage within the Inner Zone, including any portion of those trees that may have fallen outside of it? Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons) for any out of compliance calls:

Signature _____ **Date** _____

Westside Form # 4
S or F RMZ: Inner Zone Harvest (Option 2) Leaving trees closest to the stream
FPA # _____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

- | | |
|--|-----------------|
| 1. Were unstable slopes with the potential to deliver bounded out of the sale? | Y / N / NA / NC |
| 2. Was the stream length reported on the FPA's DFC worksheet within 10% of the measured value in the field? If no, note the difference in comment section. | Y / N / NA / NC |
| 3. Was the stream size reported on FPA consistent with the field observation? | Y / N / NA / NC |
| 4. If no to #3, did the discrepancy influence the inner zone width?
(i.e. Should the stream be >10 ft bfw or ≤ 10 ft bfw)? | Y / N / NA / NC |
| 5. Was there a CMZ that was not reported on the FPA? | Y / N / NA / NC |
| 6. Question deleted. | |
| 7. Is the tree species composition consistent with the DFC Worksheet? | Y / N / NA / NC |
| 8. Was there any harvest in the Core Zone? | Y / N / NA / NC |
| 9. Was there any harvest in the Floor Zone?
If yes, describe the situation in the comment section below. | Y / N / NA / NC |
| 10. Were 20 trees per acre ≥ 12 " dbh left in the outer portion of the Inner Zone? | Y / N / NA / NC |

Outer Zone Leave Tree Strategy: only answer the questions that apply to the strategy specified in the FPA.

Exchange for Inner Zone excess basal area:

- | | |
|---|-----------------|
| 11. Were there Outer Zone leave credits for excess basal area in the Inner Zone? | Y / N / NA / NC |
| 12. If yes to #11, is the number of Outer Zone leave trees in the field the same or greater than what is required in the DFC print out? | Y / N / NA / NC |

Exchange for Large Woody Debris:

- | | |
|---|-----------------|
| 13. Were there Outer Zone leave credits for a LWD placement strategy? | Y / N / NA / NC |
| 14. If the landowner is getting credit for LWD trees, does he have at least 10 trees per acre ≥ 12 " dbh (8" dbh around sensitive features) in the Outer Zone? | Y / N / NA / NC |

Turn over and complete Side 2 

Westside Form #4 (cont'd)

Exchange for Channel Migration zone excess basal area:

15. Were there Outer Zone leave credits for excess basal area in the CMZ? Y / N / NA / NC
16. Did the landowner leave the appropriate number of leave trees as documented on the application after the CMZ exchange to satisfy the basal area exchange? Y / N / NA / NC

Leaving 20 trees per acre:

17. Were 20 conifer trees per acre \geq 12 inches dbh or next largest size available? Y / N / NA / NC
18. If conifer weren't present, are trees clumped around sensitive features and at least 8 inches dbh, mixed conifer and/or deciduous, and representative of the trees around the sensitive feature? Y / N / NA / NC

Salvage Questions: Skip these questions if no salvage was proposed in the Outer Zone

19. Is there any salvage within the BFW of any typed water, Core Zone, or CMZ, including any portion of those trees that may have fallen outside of these zones? Y / N / NA / NC

Salvage in the Inner Zone

20. Does the residual stand meet stand requirements (DFC), including down trees that originated from the Inner Zone? Y / N / NA / NC
21. If the proposed salvage involves down wood, was the following down wood requirement in the Inner Zone left after the salvage logging? Y / N / NA / NC

Logs w/ a solid core	< 1-ft diameter	1-2 ft diameter	>2 ft diameter	Total
# of logs/acre	85	83	26	194

22. Was the salvage operation conducted to protect residual undamaged trees within the Inner Zone? Y / N / NA / NC

Salvage in the Outer Zone

23. Does the residual stand meet the leave tree requirements (i.e. 20 trees per acre) including down trees that originated from the Outer Zone? Y / N / NA / NC
24. If no Inner Zone salvage was proposed, was there any salvage within the Inner Zone, including any portion of those trees that may have fallen outside of it? Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons) for any out of compliance calls: (use other side if you need more room)

Signature _____ **Date** _____

Westside Form #5
Ns or Np RMZ

FPA # _____ **Date:** _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

30 foot equipment limitation zone (Ns and harvested Np RMZ):

- | | |
|--|-----------------|
| 1. Is there evidence of equipment entry into the 30 ft Equipment Limitation Zone?
(A Yes answer does not necessarily indicate non-compliance) | Y / N / NA / NC |
| 2. Was less than 10% of the soil exposed due to activities? | Y / N / NA / NC |
| 3. If >10% of soil was exposed, were mitigation measures completed? | Y / N / NA / NC |

Water type:

- | | |
|---|-----------------|
| 4. Is the actual stream consistent with the type reported in the FPA? | Y / N / NA / NC |
| 5. (Question deleted.) | |
-

Np Water RMZ

- | | |
|---|-----------------|
| 6. Was the appropriate length of 50 foot no harvest zone left on the given stream segment? Refer to WAC 222-30-021 (2)(b)(i-vii) or the "Western Washington Type Np RMZ Worksheet" in the Compliance Monitoring Specifications and Guidelines (as taken from the FPA instructions). | Y / N / NA / NC |
| 7. Was the reported stream length within 10% of the length measured in the field?
If not, you must provide explanation in comments below. | Y / N / NA / NC |
| 8. Was all harvest away from alluvial fans? | Y / N / NA / NC |
| 9. Was all harvest greater than 50 feet from headwall seeps and springs? | Y / N / NA / NC |
| 10. Was all harvest greater than 56 feet from all pips, and the confluence of two or more Type Np streams? | Y / N / NA / NC |
| 11. Were unstable slopes with the potential to deliver bounded out of the sale? | Y / N / NA / NC |
-

Salvage

- | | |
|---|-----------------|
| 12. Was there salvage of the RMZ of any Type Np stream or sensitive site? | Y / N / NA / NC |
| 13. Is there any salvage within the BFW of any Type N water? | Y / N / NA / NC |

Turn over and complete comments side 2 

[illegible]

Westside Form #6
A or B WMZ and Forested Wetlands
FPA # _____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

- | | |
|---|-----------------|
| 1. Were the wetlands typed and sized appropriately on the ground?
If no, explain in comment section of this form. | Y / N / NA / NC |
| 2. Is the variable buffer width appropriate relative to the WMZ table
in WAC 222-30-020 (7)(a)? | Y / N / NA / NC |
| 3. Where operations were conducted within the WMZ, were the resulting openings less
than 100 feet wide (as measured parallel to wetland edge)? If no, explain in comment
section. | Y / N / NA / NC |
| 4. Where operations were conducted within the WMZ, were the resulting openings no
closer than 200 feet from each other (as measured parallel to wetland edge)? If no,
explain in comment section. | Y / N / NA / NC |
| 5. Deleted question. | |

Answer questions 6-8 if less than 10% of the harvest is within the WMZ. Skip to 9 if more than 10% of the harvest unit is within the WMZ.

- | | |
|---|-----------------|
| 6. Within the WMZ, are there a total of 75 trees per acre greater than 6 inches dbh? | Y / N / NA / NC |
| 7. Of the 75 trees per acre in the WMZ, are at least 25 of these greater than
12 inches dbh, where they exist? | Y / N / NA / NC |
| 8. Of the 25 trees per acre in the WMZ that are greater than 12 inches dbh, are
at least 5 of these greater than 20 inches dbh where they exist? | Y / N / NA / NC |
-
- | | |
|--|-----------------|
| 9. Are the leave trees in the WMZ representative of species found in the pre-harvest
condition of the WMZ area (evaluate stumps)? | Y / N / NA / NC |
| 10. Were any ground based harvesting systems used within the minimum WMZ
without written approval of the Department? | Y / N / NA / NC |
| 11. When WMZs overlap an RMZ, was the requirement which best protects the public
Resource applied? | Y / N / NA / NC |
| 12. If any timber was felled into or cable yarded across Type A or B Wetlands,
was there written approval of the Department? | Y / N / NA / NC |
| 13. If harvest occurred within forested wetlands, then was the harvest method limited
to low impact harvest or cable systems? | Y / N / NA / NC |

Turn over and complete Side 2 —————>

14. If a forested wetland exists within the boundaries of a harvest unit and the area of the wetland is greater than 3 acres, were the approximate boundaries determined by the applicant?

Answer 15 if more than 10% of the unit is within a WMZ. Otherwise, you are done with this form.

d. Did the Landowner leave 38 trees per acre in the WMZ greater than 6 inches dbh, 13 of which are greater than 12 inches dbh, including 3 trees 20 inches dbh where they exist.

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons) for any out of compliance calls:

Signature

Date _____

Eastern and Western Washington
Road Activity Field Forms

**Eastern and Western Washington
Form # 7 Road Construction**
FPA # _____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

***=Pertains to water quality. If road activities present DO NOT present a potential impact to resources check (NA)**

- | | |
|--|----------------|
| 1. Was water typed correctly on all waters using either physical criteria or a water type change? | Y / N / NA /NC |
| 2. Was all diverted water returned to the basin from which it came? | Y / N / NA /NC |
| 3. Were drainage structures installed at locations of seeps and springs to route water under the road prism to the forest floor to maintain hydrologic connectivity? | Y / N / NA /NC |
| *4. Does new road construction minimize stream crossings? | Y / N / NA /NC |
| 5. Do roads run across typed water at a right angle? | Y / N / NA /NC |
| 6. When stream crossings were required, were alterations to natural features minimized? | Y / N / NA /NC |
| 7. Were all bogs or low nutrient fens completely avoided? | Y / N / NA /NC |
| 8. Was there any road construction in a wetland? | Y / N / NA /NC |
| 9. If #8 is yes, was the road prism and road length minimized in the wetland? | Y / N / NA /NC |
| 10. If > .5 acre of a wetland were filled or drained due to activities, was the required replacement by substitution or enhancement completed? | Y / N / NA /NC |
| *11. Were culverts located and designed to minimize sediment delivery at stream crossings? | Y / N / NA /NC |
| *12. Were erodible soils disturbed during construction stabilized to prevent the potential to deliver to typed waters? | Y / N / NA /NC |
| *13. Were roads outsloped, insloped, crowned, ditched or bermed to prevent sediment delivery? | Y / N / NA /NC |
| *14. Were cross drains, sediment traps, ditchouts, water bars, or other Best Management Practices utilized to prevent sediment delivery? | Y / N / NA /NC |
| *15. Were all relief structures ≥ 18 inches in diameter in Western Washington and ≥ 15 inches in Eastern Washington? | Y / N / NA /NC |

Turn over and complete Side 2 

Eastern and Western Washington Form #7 (cont'd)

-
- | | |
|--|----------------|
| *16. Where ditch out and relief culverts have been employed, were diversion structures placed close enough to the stream to divert most sediment to the forest floor? | Y / N / NA /NC |
| *17. When water was routed to erodible soils, were relief culverts appropriately armored and/or vegetated to minimize scour? | Y / N / NA /NC |
| *18. Where the potential for sediment delivery existed, was full bench construction utilized for roads built on slopes greater than 60%? | Y / N / NA /NC |
| *19. If road construction produced end haul materials, were they placed in stable areas to prohibit the entry of material into the 100-year flood plain? | Y / N / NA /NC |
| *20. Were rock armor headwalls and rock armored ditchblocks installed for drainage structure culverts located on erodible soils where the road has a gradient greater than 6%? | Y / N / NA /NC |
| *21. Do relief structures efficiently capture and pass ditch-line flow? | Y / N / NA /NC |
-

Temporary Roads: Complete Road Abandonment Form #9 for any roads that were temporary and abandoned.

- | | |
|---|----------------|
| 22. Was the road designed and permitted to be temporary? | Y / N / NA /NC |
| 23. Was the road constructed in a manner to facilitate closure and abandonment when the intended use is completed? | Y / N / NA /NC |
| 24. Did the road design and culverts provide the same level of protection for public resources as required by the rules during the length of its use? | Y / N / NA /NC |
| 25. Was the road abandonment date identified on the FPA? | Y / N / NA /NC |
| 26. If yes, was the road abandoned by that date? | Y / N / NA /NC |

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons) for any out of compliance calls:

Signature: _____ **Date** _____

**Eastern and Western Washington
Form # 8 Road Maintenance**
FPA # _____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus

***=Pertains to water quality. If road activities present DO NOT present a potential impact to resources check (NA)**

- | | |
|---|-----------------|
| 1. If the department had conditioned that additional and/or larger water structures be installed, was this completed? | Y / N / NC / NA |
| 2. Is the road surface maintained to direct groundwater that is captured by the road surface onto stable portions of the forest floor? | Y / N / NC / NA |
| 3. During general maintenance of stream adjacent parallel roads, was all down wood blocking vehicle passage placed on the side of the road closest to water? | Y / N / NC / NA |
| *4. Are drainage structures functional? | Y / N / NC / NA |
| *5. Is groundwater captured in the ditchline diverted onto stable portions of the forest floor by using ditchouts, culverts or drivable dips? | Y / N / NC / NA |
| *6. Is road grade maintained to minimize erosion of the surface and subgrade? | Y / N / NC / NA |
| *7. During and on completion of log, pulp, rock, chip, or specialized forest products haul and road building, has the road surface been crowned, outsloped or water barred? | Y / N / NC / NA |
| *8. Were berms removed except those designed for fill protection? | Y / N / NC / NA |
| *9. Is the road surface maintained to minimize direct sediment entry to typed water? | Y / N / NC / NA |

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)

Comments and reasons for any out of compliance calls: _____

Signature _____ **Date** _____

**Eastern and Western Washington
Form #10 Landings**
FPA # _____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

***=Pertains to water quality. If road activities present DO NOT present a potential impact to resources check (NA)**

- *1. Was the sidecast or fill used for the landing no larger than reasonably necessary for safe operations? Y / N / NA / NC
2. Were truck roads, skid trails, and fire trails outsloped or cross drained uphill from landings and the water diverted to the forest floor away from the toe of the landing? Y / N / NA / NC
- *3. Were appropriate efforts made to direct drainage away from the landing to minimize water accumulation on the landing? Y / N / NA / NC
- *4. Was the landing sloped to keep water from collecting on the operational surface? Y / N / NA / NC
- *5. Where there was a high potential for excavated materials to enter a WMZ, the bankfull width of any stream, or the 100-year floodplain, did the landowner endhaul the materials? Y / N / NA / NC
- *6. Was the location of the landing outside of natural drainage channels, CMZs, RMZs, Core and Inner Zones (both F and N), Type A or B wetlands, and WMZs? Y / N / NA / NC
7. Are there any spoils located within the boundaries of Type A or B wetlands, or within the boundaries of a forested wetland without written approval of the department? Y / N / NA / NC
- *8. Are there any piles of debris that are perched and pose a risk of delivering to typed waters? Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)

Comments and reasons for any out of compliance calls: _____

Signature _____ **Date** _____

Eastern and Western Washington
Form #11 Temporary and Permanent Crossings on Type N Water
FPA # _____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

***=Pertains to water quality. If road activities present DO NOT present a potential impact to resources check (NA)**

Answer the following for both permanent and temporary crossings

*1. Were alterations to the stream bed, bank or bank vegetation limited to that necessary for construction of the project? Y / N / NA / NC

Permanent Crossings Only

*2. Do the culvert, its embankments and fills have erosion protection to withstand a 100-year flood? Y / N / NA / NC

3. Is the alignment and slope of the culvert on grade with the natural flow of the streambed? Y / N / NA / NC

4. Are all culverts at least 24 inches for Type Np waters? Y / N / NA / NC

*5. Are all culverts at least 18 inches in Washington or 15 inches in Eastern Washington for Type Ns waters? Y / N / NA / NC

*6. Was slash or debris that reasonably may be expected to plug the culvert cleared for a distance of 50 feet above the culvert. Y / N / NA / NC

7. Question deleted (duplicate of # 11 on Form 7).

8. Do the entrances to all culverts have adequate catch basins and headwalls to minimize the possibility of erosion or fill failure? Y / N / NA / NC

9. Question deleted (duplicate of #12 on Form 7).

*10. Did the culvert installation prevent scouring of the stream bed and erosion of the banks in the vicinity of the project? Y / N / NA / NC

Temporary Crossings Only

11. Are the temporary water crossings identified on the FPA? Y / N / NA / NC

Turn over and complete Side 2 

	Y	N	NA	NC
12. Were crossings installed and removed between the following time frames of the same year, unless otherwise conditioned in the FPA?				

- *13. Was the crossing designed to pass the highest peak flow event expected to occur during the length of time of its use? Y / N / NA / NC

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

2007 Compliance Monitoring Program Western Washington Field Forms

**Eastern and Western Washington
Form #13 Fords**

FPA # _____ Date: _____

Y= Yes, N=No, NA = Not applicable, NC =No consensus (Defer to FPF)

***=Pertains to water quality. If road activities present DO NOT present a potential impact to resources check (NA)**

- | | |
|--|-----------------|
| 1. Were alterations to the stream bed, bank or bank vegetation limited to that necessary for construction of the project? | Y / N / NA / NC |
| 2. Does the ford, its embankments and fills have erosion protection to withstand a 100-year flood? | Y / N / NA / NC |
| 3. Is the alignment and slope of the ford on grade with the natural flow of the streambed? | Y / N / NA / NC |
| *4. Was sediment delivery minimized? | Y / N / NA / NC |
| *5. Were erodible soils disturbed during construction stabilized to prevent the potential to deliver to typed waters? | Y / N / NA / NC |
| 6. Are entry and exit points for each ford located as close to perpendicular to the stream as possible? (not running adjacent or parallel) | Y / N / NA / NC |
| 7. Are entry and exit points for each ford within 100 feet upstream or downstream of each other? | Y / N / NA / NC |
| 8. Is the ford location shown on the FPA? | Y / N / NA / NC |
| 9. Were Best Management Practices implemented for construction, maintenance, or use as required by conditions on the approved application? | Y / N / NA / NC |

Attach any photo documentation to this form or send labeled photos with date, FPA #, and description to leslie.lingley@wadnr.gov (jpgs are okay as long as descriptions are attached.)

Comments and field observations (reasons) for any out of compliance calls:

Signature _____ **Date** _____

Westside Form #14 Post Survey Evaluation

FPA #:	Ownership: SFL / Industrial	Time Spent:	Terrain: 0% - 30 / 31% - 50% / >51%	Vegetation: Open / Brushy / Very Brushy
Date				
DNR Survey Lead:	DOE Survey Rep:	WDFW Survey Rep:	Other Attendees: Representing:	Other Attendees: Representing:
Other Attendees: Representing	Other Attendees: Representing	Other Attendees: Representing		

Evaluation: Please fill out this section for each activity that was evaluated on the FPA. The form number corresponds to the question numbers on this form

1. Did information on the FPA provide adequate means to evaluate the activities completed on the ground? (i.e. Was all information included on FPARS or was additional documentation required? Were activities accurately described? Were all exchanges, management options and deviations outlined?)

2. No Inner Zone Harvest (form #2)

Status of Compliance:	Exceeds	Compliant	Out of Compliance
Non-Compliance Level (use professional judgment):		Trivial/Low Major/High	Apparent/Medium No Consensus

3. Option 1 RMZ-Thinning From Below (form #3)

Status of Compliance:	Exceeds	Compliant	Out of Compliance
Non-Compliance Level (use professional judgment):		Trivial/Low Major/High	Apparent/Medium No Consensus

**Compliance Monitoring
Westside Post Survey Evaluation – Form #14**

4. Option 2 Leaving Trees Closest to the Water (form #4)

Status of Compliance:	Exceeds	Compliant	Out of Compliance
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Non-Compliance Level (use professional judgment):	Trivial/Low Major/High	Apparent/Medium No Consensus
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5. N RMZ (form #5)

Status of Compliance:	Exceeds	Compliant	Out of Compliance
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Non-Compliance Level (use professional judgment):	Trivial/Low Major/High	Apparent/Medium No Consensus
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6. Wetlands (form #6)

Status of Compliance:	Exceeds	Compliant	Out of Compliance
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Non-Compliance Level (use professional judgment):	Trivial/Low Major/High	Apparent/Medium No Consensus
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7. Road Construction (form #7)

Status of Compliance:	Exceeds	Compliant	Out of Compliance
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Non-Compliance Level (use professional judgment):	Trivial/Low Major/High	Apparent/Medium No Consensus
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8. Road Maintenance (form #8)

Status of Compliance:	Exceeds	Compliant	Out of Compliance
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Non-Compliance Level (use professional judgment):	Trivial/Low Major/High	Apparent/Medium No Consensus
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**Compliance Monitoring
Westside Post Survey Evaluation – Form #14**

9. Road Abandonment (form #9)

Status of Compliance:	Exceeds	Compliant	Out of Compliance
Non-Compliance Level (use professional judgment):		Trivial/Low Major/High	Apparent/Medium No Consensus

10. Landings (form #10)

Status of Compliance:	Exceeds	Compliant	Out of Compliance
Non-Compliance Level (use professional judgment):		Trivial/Low Major/High	Apparent/Medium No Consensus

11. Permanent and Temporary Crossings on Type N Waters (form #11)

Status of Compliance:	Exceeds	Compliant	Out of Compliance
Non-Compliance Level (use professional judgment):		Trivial/Low Major/High	Apparent/Medium No Consensus

12. Form Deleted (Temporary and Permanent Crossing combined in question #11)

13. Fords on Type N Waters (form #13)

Status of Compliance:	Exceeds	Compliant	Out of Compliance
Non-Compliance Level (use professional judgment):		Trivial/Low Major/High	Apparent/Medium No Consensus

Signatures of representatives and date:
